GOVERNMENT OF ANDHRAPRADESH
ABSTRACT

ITE&C Department – State Quantum Mission (SQM) – Constitution of Apex Committee and Expert Committee for providing strategic guidance, technical oversight, and implementation support to the Amaravati Quantum Computing Centre (AQCC) and allied initiatives – Orders – Issued.

INFORMATION TECHNOLOGY, ELECTRONICS & COMMUNICATIONS (INFRA WING) DEPARTMENT

G.O.MS.No. 35 **Dated: 07-09-2025**

Read the following:

ORDER:

The Government of Andhra Pradesh has embarked on the establishment of a Quantum Valley at Amaravati, anchored by the Amaravati Quantum Computing Centre (AQCC), with the objective of positioning the State as a global hub in the domain of Quantum Technologies. This initiative seeks to leverage the transformative potential of quantum computing, quantum materials, and allied emerging technologies for socioeconomic development, scientific advancement, and industrial leadership.

2. In pursuance of the deliberations held in the State Quantum Mission (SQM) meeting dated 20th August 2025, chaired by the Hon'ble Chief Minister, the Government approved the constitution of two high-level committees, the Apex Committee and the Expert Committee, to provide structured oversight, specialized expertise, and strategic direction to the State's quantum mission.

a. The Apex Committee: The roles and responsibilities of the Apex Committee are:

i. To provide high-level strategic guidance and policy direction for the State's quantum mission.
ii. To advise the Government on the long-term positioning of Andhra Pradesh in the global quantum ecosystem.
iii. To guide in forming international and national research collaborations, industry partnerships, and ecosystem-building strategies.
iv. To periodically review the progress of AQCC and associated initiatives and recommend course corrections at the strategic level.
v. To ensure that the State's investments and efforts in quantum technologies are aligned with national priorities (such as the National Quantum Mission) and international best practices.
vi. To advise on the creation of an innovation-driven ecosystem, including incubation, start-up promotion, and industry-academia partnerships.
vii. The Chairman of the Apex Committee may co-opt additional experts and constitute sub-committees on subject-specific areas as required.

b. The Expert Committee: The roles and responsibilities of the Expert Committee is as follows:

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i. To provide detailed technical oversight on implementation aspects of quantum technologies at AQCC and associated institutions.
ii. To evaluate technical proposals, infrastructure requirements, and research use-cases, and provide recommendations to the Government.
iii. To recommend pathways for adoption of quantum computing applications across Government departments, academia, startups, and industries.
iv. To advise on skill development, curriculum design, and training programs to build a strong quantum workforce in the State.
v. To monitor project execution at the operational level and provide periodic recommendations for optimization.
vi. To support in the creation of incubation facilities and innovation programs for startups in quantum technologies.
vii. The Chairman of the Expert Committee may co-opt additional experts and constitute sub-committees for specific technical domains as deemed necessary.

3. The Apex Committee and the Expert Committee shall function under the overall aegis of the State Quantum Mission (SQM), chaired by the Honorable Chief Minister. The Apex Committee will be responsible for providing strategic oversight and shall submit its reports to the Government on a bi-annual basis, outlining the progress achieved, challenges encountered, and policy-level recommendations for strengthening the State's position in the global quantum ecosystem. The Expert Committee, on the other hand, will focus on operational and technical matters and shall provide quarterly progress reports.

4. Government, after careful examination of the proposal, hereby constitutes the Apex Committee and the Expert Committee under the State Quantum Mission (SQM), with the composition detailed in *Annexure–I* and *Annexure–II*.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

BHASKAR KATAMNENI
SECRETARY TO GOVERNMENT

To:
All the Departments of the Secretariat
All the Heads of the Departments
Copy to:
The Chief Secretary to the Government of Andhra Pradesh
The Secretary to the Chief Minister, CMO
The PS to SIT/SSIT

//FORWARDED::BY ORDER//

SECTION OFFICER

Annexure-I

Apex Committee		
#	**Name**	**Designation / Affiliation**
1	**Prof. V. Kamakoti** *Director, IIT Madras*	Chairman of the Committee
2	**Prof. Srikanth Sastry** *Associate professor at Jawaharlal Nehru Centre for Advanced Scientific Research.*	Co Chairman
3	**Sri. Bhaskar Katamneni IAS** *Secretary to Government, ITE&C Dept*	Member Secretary
4	**Prof. Anil Prabhakar** *IIT Madras - Director NQM Thematic Hub*	Member
5	**Prof. Kasturi Saha** *IIT Bombay* **-** *Director NQM Thematic Hub*	Member
6	**Prof. B Rajender Singh** *IIT Delhi - Director NQM Thematic Hub*	Member
7	**Prof. Shankar Selva Raja** *IISC Bangalore, Director NQM Thematic Hub*	Member
8	**Dr. Rajkumar Upadhyay, ITS** *Chief Executive Officer, Center for Development of Telematics*	Member
9	**Dr. Mahesh Ethirajan** *Director General, Centre for Development of Advanced Computing (C-DAC)*	Member
10	**Sri. Praveen Akkinepally** *Country President & Managing Director* *AstraZeneca*	Member
11	**Sri. Rajiv Kumar** *Managing Director & President, Microsoft India Development Center.*	Member
12	**Sri. Anil Sharma** *Head Global COIN, Tata Consultancy Services*	Member
13	**Dr. Amith Singhee** *Director, IBM Research India and CTO, IBM India and South Asia.*	Member
14	**Sri. Indranil Mitra** *Vice President – LTI Mindtree Research*	Member

Note- Chairman may co-opt experts from other institutions / organizations / industry as and when necessary and it may constitute subject specific sub-committee(s) on a need basis.

Annexure-II

Expert Committee		
#	**Name**	**Designation / Affiliation**
1	**Prof. K. N Satyanarayana** *Director IIT Tirupati*	Chairman of the Committee
2	**Prof Aridham Ghosh** *Professor Dept of Physics IISC Bangalore*	Co Chairman
3	**Sri. B Sundar IFS** *Special Secretary to Government, ITE&C Dept*	Member Secretary
4	**Prof. K Madhu Murthy** *Chairman Andhra Pradesh State Council of Higher Education*	Member
5	**Dr. N Raghu** *Associate Director, ISRO*	Member
6	**Prof. K. Vijay Raghavan,** *Associate Professor in Physics, Tate Institute of Fundamental Research*	Member
7	**Dr. Venugopal Achanta** *Director, CSIR – National Physical Laboratory (NPL)*	Member
8	**Sri. Sridhar Sidhu** *CVP Blocking & Tackling at AT&T*	Member
9	**Dr. L Venkata Subramaniam** *IBM Quantum India Leader, IBM*	Member
10	**Sri. Sridhar CV** *India Strategic Initiatives, TCS Research*	Member
11	**Dr. Anjani Priyadarshini** *Quantum Technologies Lead, Amazon Web Services (AWS) India*	Member
12	**Sri. Manish Modani** *Principal Solution Architect, NVIDIA (India).*	Member
13	**Sri. Amogh Apsingekar** *Principal Director- Quantum Tech Incubation Lead LTI Mindtree*	Member

BHASKAR KATAMNENI
SECRETARY TO GOVERNMENT